



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Seok-Heon CHO et al.

Docket: 1403-24 PCT US

Serial No.: 10/591,625

Dated: October 24, 2006

Filed: September 5, 2006

For: METHOD FOR MANAGING TRAFFIC ENCRYPTION KEY IN WIRELESS  
PORTABLE INTERNET SYSTEM AND PROTOCOL CONFIGURATION  
METHOD THEREOF, AND OPERATION METHOD OF TRAFFIC  
ENCRYPTION KEY STATE MACHINE IN SUBSCRIBER STATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant's duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 24, 2006.

Dated: October 24, 2006

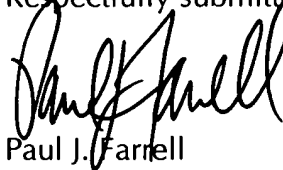
  
\_\_\_\_\_  
Paul J. Farrell

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed within three (3) months of the filing date of this application.

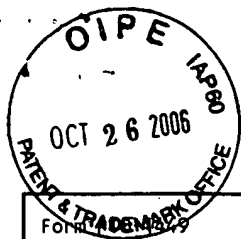
The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", is written over the typed name.

Paul J. Farrell  
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Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 1403-24 PCT US	SERIAL NO. 10/591,625
	APPLICANT Seok-Heon CHO et al.	
	FILING DATE September 5, 2006	GROUP ART UNIT Not Yet Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0123669	07/03/2003	KOUKOULIDIS et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
		1. WALDVOGEL et al., THE VERSAKEY FRAMEWORK: VERSATILE GROUP KEY MANAGEMENT, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 9, September 1999, pp. 1614-1631.
		2. IEEE Security & Privacy Magazine; OVERVIEW OF IEEE 802.16 SECURITY, May/June 2004, pp. 40-48.
		3. EKLUND et al., IEEE STANDARD 802.16: A TECHNICAL OVERVIEW OF THE WIRELESSMAN-AIR INTERFACE FOR BROADBAND WIRELESS ACCESS, IEEE Communications Magazine, June 2002, pp. 98-107.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])